COURSE DETAIL

MACHINE LEARNING (LEVEL 2)
Country United Kingdom - England
Host Institution University College London
Program(s) Summer at University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 122
UCEAP Course Suffix S
UCEAP Official Title MACHINE LEARNING (LEVEL 2)
UCEAP Transcript Title MACHINE LEARNING
UCEAP Quarter Units 6.00
UCEAP Semester Units

4.00

Course Description

Much of modern machine learning rests upon a range of mathematical methods and many introductory machine learning courses seek to introduce algorithms before ensuring the link with these methods is made. This course offers students an introduction to traditional Machine Learning in a rigorous mathematical fashion. Assuming a familiarity with key results of linear algebra, differential calculus, probability and statistics, the course introduces the key areas of traditional machine learning and seeks to cover the key tools (and theorems) within these areas, and to illustrate these with practical exemplars.

Language(s) of Instruction
English

Host Institution Course Number
ISSU0137

Host Institution Course Title
MACHINE LEARNING (LEVEL 2)

Host Institution Course Details
https://www.ucl.ac.uk/prospective-students/summer-school/modules/machine-learni...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2025-2026

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